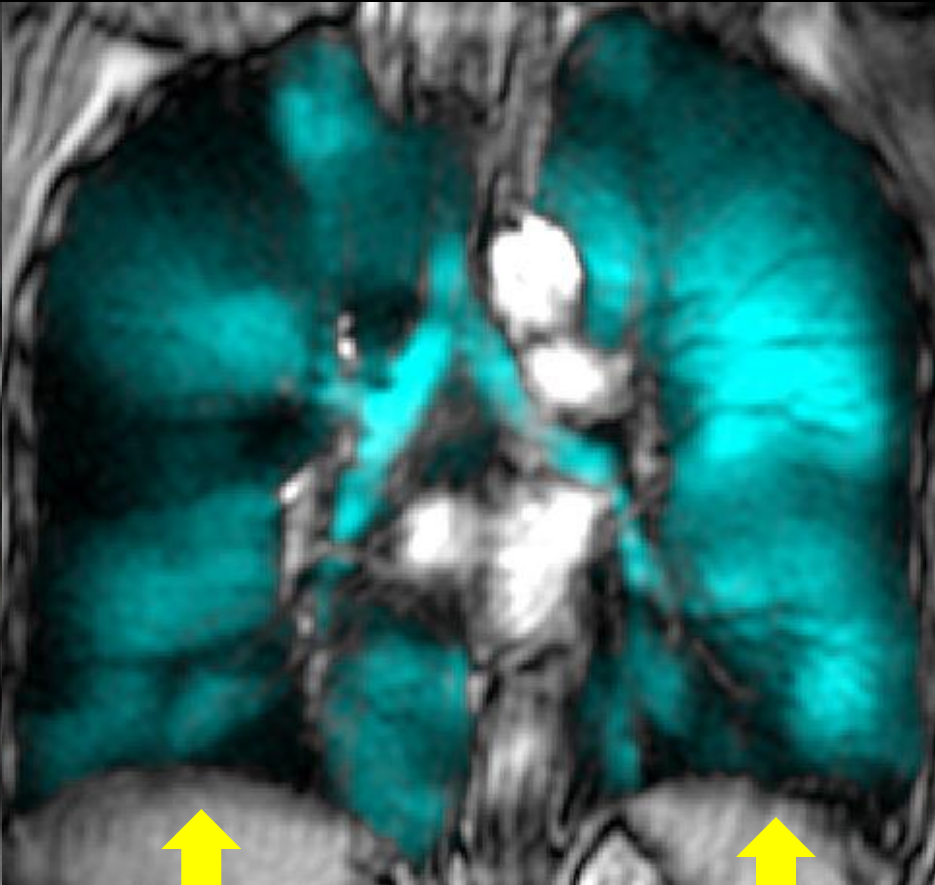
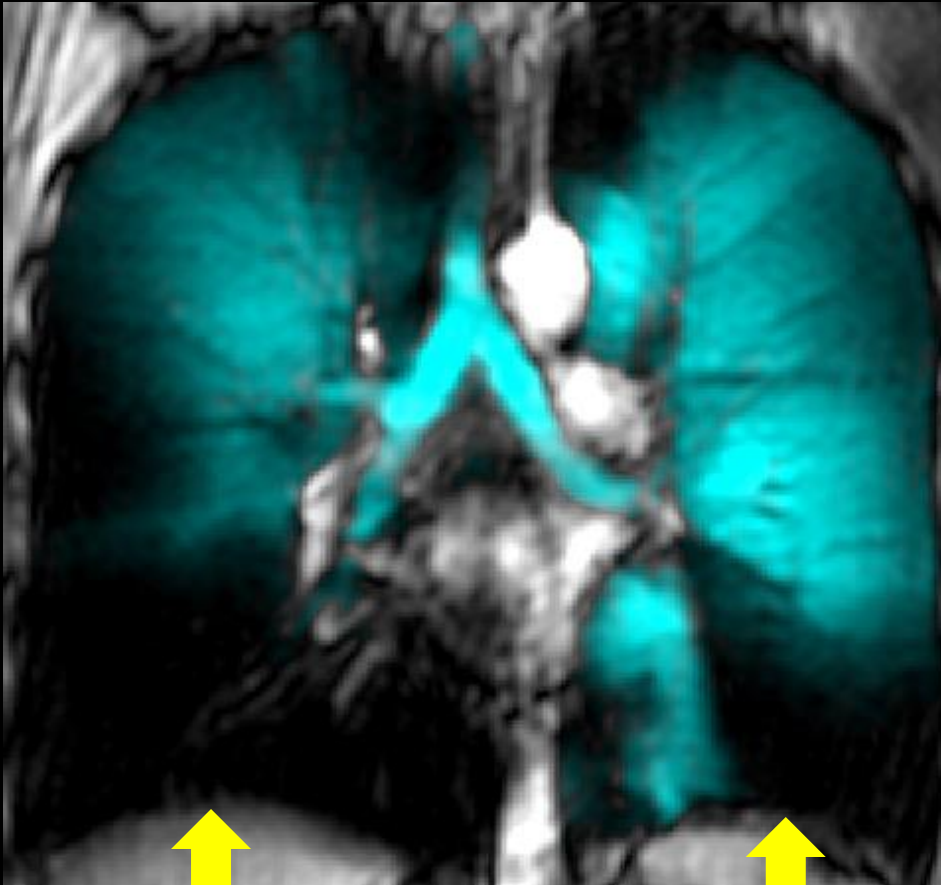


Pre-oPEP

Post-oPEP



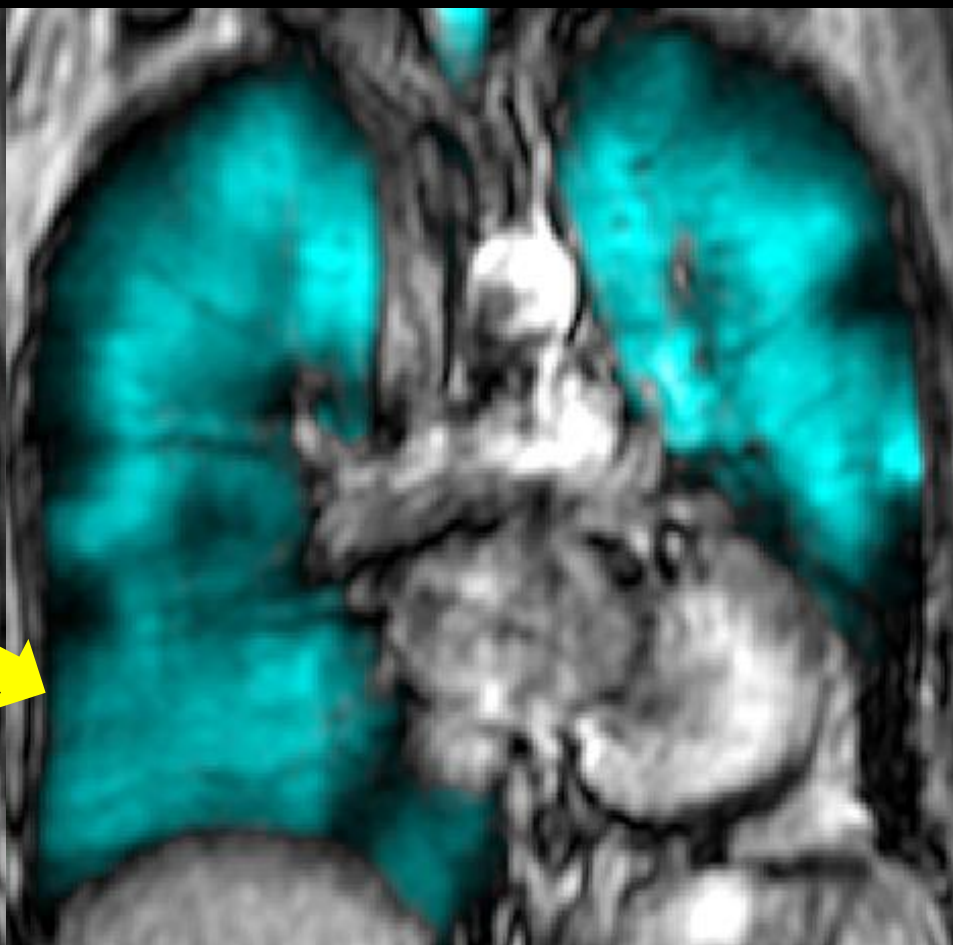
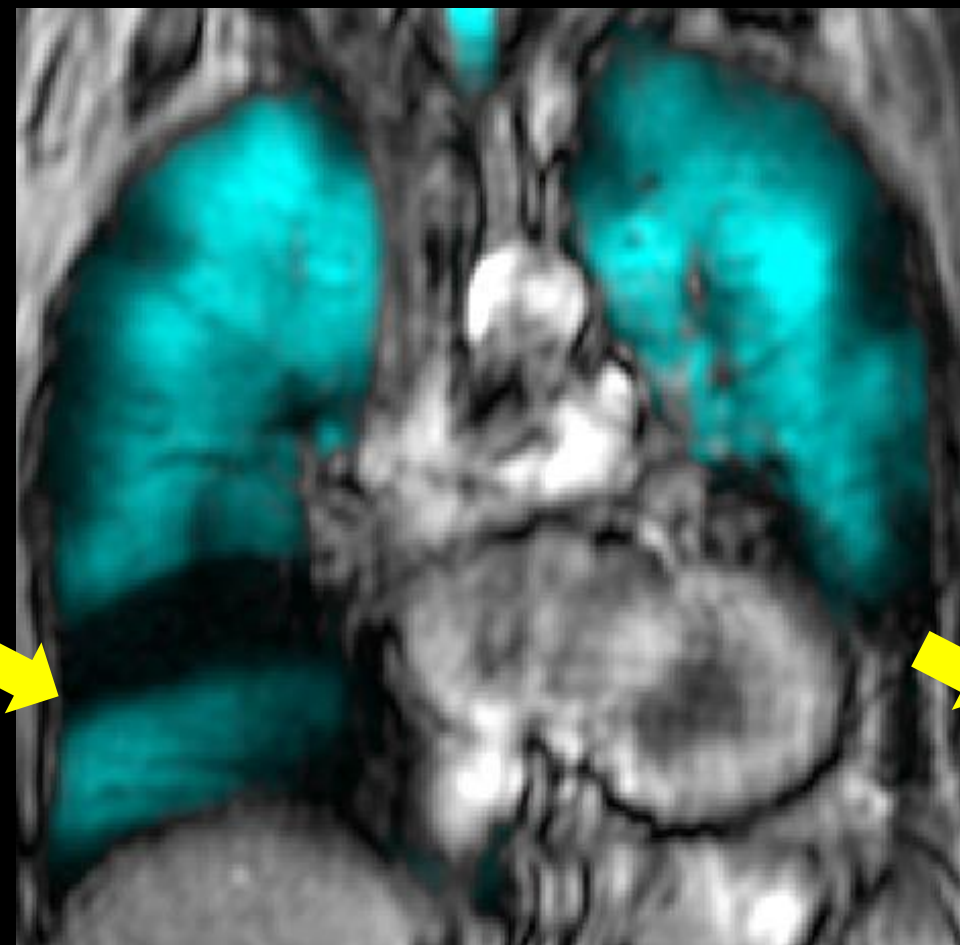
$FEV_1=43\%_{pred}$, $FVC=67\%_{pred}$

$FEV_1=54\%_{pred}$, $FVC=80\%_{pred}$

COPD Chronic Bronchitis
58yr F; 35 pck yrs

Pre-oPEP

Post-oPEP



$FEV_1=91\%_{pred}$, $FVC=93\%_{pred}$

$FEV_1=92\%_{pred}$, $FVC=98\%_{pred}$

Bronchiectasis
81yr F; 5 pck yrs